INDEX

Aidun, C. K., Lu, Y. & Ding, E.-J. Direct analysis of particulate suspensions with inertia using the discrete Boltzmann equation, 287–311

Altobelli, S. A. *See* Subia, Ingber, Mondy, Altobelli & Graham

Arakeri, J. H. *See* Theerthan & Arakeri

Atassi, O. V. Analytical and numerical study of the nonlinear interaction between a point vortex and a wall-bounded shear layer, 155–192

Chang, H.-C. *See* Veretennikov, Indeikina & Chang

Ding, E.-J. *See* Aidun, Lu & Ding

Fredsøe, J. *See* Lodahl, Sumer & Fredsøe

Graham, A. L. *See* Subia, Ingber, Mondy, Altobelli & Graham

Indeikina, A. *See* Veretennikov, Indeikina & Chang

Ingber, M. S. *See* Subia, Ingber, Mondy, Altobelli & Graham

Jiménez, J. & Wray, A. A. On the characteristics of vortex filaments in isotropic turbulence, 255–285

Joubert, P. N. *See* Macfarlane, Joubert & Nickels

Lichter, S. *See* Weislogel & Lichter

Lodahl, C. R., Sumer, B. M. & Fredsøe, J. Turbulent combined oscillatory flow and current in a pipe, 313–348

Lu, Y. *See* Aidun, Lu & Ding

Macfarlane, I., Joubert, P. N. & Nickels, T. B. Secondary flows and developing, turbulent boundary layers in a rotating duct, 1–32

Mondy, L. A. *See* Subia, Ingber, Mondy, Altobelli & Graham

Nickels, T. B. *See* Macfarlane, Joubert & Nickels

Ryzhov, O. S. & Terent'ev, E. D. Streamwise absolute instability of a three-dimensional boundary layer at high Reynolds numbers, 111–153

Smits, A. J. *See* Zagarola & Smits

Subia, S. R., Ingber, M. S., Mondy, L. A., Altobelli, S. A. & Graham, A. L. Modelling of concentrated suspensions using a continuum constitutive equation, 193–219

Sumer, B. M. *See* Lodahl, Sumer & Fredsøe

Terent'ev, E. D. *See* Ryzhov & Terent'ev

Theerthan, S. A. & Arakeri, J. H. A model for near-wall dynamics in turbulent Rayleigh–Bénard convection, 221–254

Veretennikov, I., Indeikina, A. & Chang, H.-C. Front dynamics and fingering of a driven contact line, 81–110

Weislogel, M. M. & Lichter, S. Capillary flow in an interior corner, 349–378

Wray, A. A. *See* Jiménez & Wray

Zagarola, M. V. & Smits, A. J. Mean-flow scaling of turbulent pipe flow, 33–79